

## Press Release

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### **Authority Board Approves Research Grants**

The Arkansas Science & Technology Authority Board of Directors approved funding for 13 state-based research projects during a regular meeting Friday, May 17, 1996. The projects included:

- PROPOSAL NO. 97-A-02, "Incorporating Quality Factors into a Coupled Heat and Mass Transfer Model for Cooking Poultry Products," by Dr. Bradley P. Marks of the University of Arkansas, Fayetteville, in the amount not to exceed \$10,200.00. This project is cosponsored by Tyson Foods, Inc. in the amount of \$10,000.00.
- PROPOSAL NO. 97-A-03, "Optimizing Refrigeration," by Dr. Wilfred J. Braithwaite of the University of Arkansas at Little Rock, in the amount not to exceed \$54,710.00. This project is cosponsored by FMC, Inc. in the amount of \$54,518.00.
- PROPOSAL NO. 97-A-04, "Underplanting Beneath a Partial Overstory to Establish Cherrybark Oak Regeneration in a Minor Bottom of Southwestern Arkansas," by Dr. Jimmie L. Yeiser of the University of Arkansas at Monticello, in the amount not to exceed \$10,200.00. This project is cosponsored by the Ross Foundation in the amount of \$19,106.00.

- PROPOSAL NO. 97-B-04, "Substitution Tilings and Address Structures," by Dr. Chaim Goodman-Strauss of the University of Arkansas, Fayetteville, in the amount not to exceed \$15,145.00.
- PROPOSAL NO. 97-B-05, "Enhancement of Forward Four Wave Mixing by Optical Feedback in Dye Doped Organics," by Dr. Michael Henry of the University of Arkansas, Fayetteville, in the amount not to exceed \$53,788.00.
- PROPOSAL NO. 97-B-06, "Physiological Ecology of Native Arkansas Snakes," by Dr. Steven J. Beaupre of the University of Arkansas, Fayetteville, in the amount not to exceed \$41,559.00.
- PROPOSAL NO. 97-B-01, "Functional MRI of Rat Brain Using Echo Planar Imaging," by Dr. Richard A. Komoroski of the University of Arkansas for Medical Sciences, in the amount not to exceed \$20,520.00.
- PROPOSAL NO. 97-B-07, "Investigation of the Mechanism of Telomerase," by Dr. Kevin D. Raney of the University of Arkansas for Medical Sciences, in the amount not to exceed \$37,497.00.
- PROPOSAL NO. 97-B-08, "Role of Transcription Factor NFkB During Aging," by Dr. Usha Ponnappan of the University of Arkansas for Medical Sciences, in the amount not to exceed \$31,200.00.
- PROPOSAL NO. 97-B-10, "Use of OctreoScan as a Sensitive Diagnostic Tool for Meningiomas," by Dr. W. Bruce Cherny of the University of Arkansas for Medical Sciences, in the amount not to exceed \$7,200.00.
- PROPOSAL NO. 97-B-02, "Genetic Distance and Evolution of the Micropterids as Determined by Mitochondrial DNA Analysis," by Dr. Ronald L. Johnson of Arkansas State University, in the amount not to exceed \$20,100.00.
- PROPOSAL NO. 97-B-03, "High Resolution Infrared Laser Spectroscopy," by Dr. Scott W. Reeve of Arkansas State University, in the amount not to exceed \$28,713.00.

- PROPOSAL NO. 97-B-11, “Nodule Gene Isolation by Promoter Trapping in *Lotus corniculatus*,” by Dr. Robert G. Gregerson of Lyon College, in the amount not to exceed \$23,700.00.

The Board is scheduled to next meet September 30, 1996. The time and location will be announced at a later date.

*The Arkansas Science & Technology Authority serves as a statewide funding resource for high quality scientific and technological projects. The Authority endeavors to bring the benefits of science and technology to the people and state of Arkansas through scientific research, technology development, business innovation, and education.*

*Board Action, May 17, 1996*